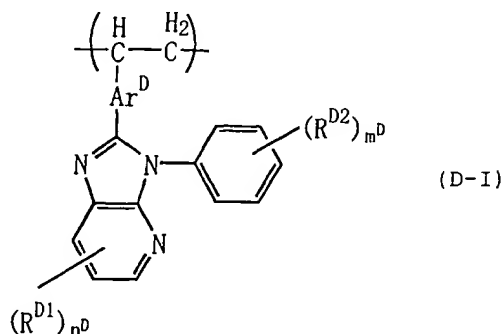


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

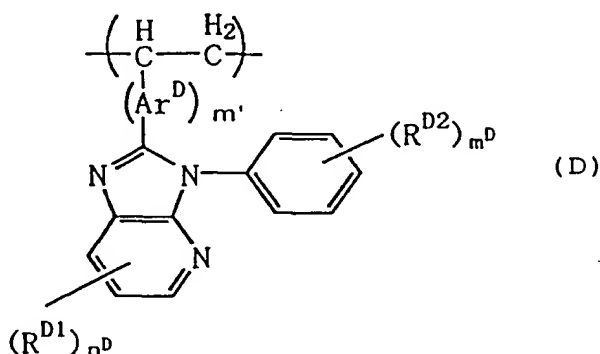
LISTING OF CLAIMS:

1. (canceled).
2. (currently amended): The light-emitting device according to claim ~~1~~ 35, wherein the phosphorescent compound is an organic metal complex.
3. (original): The light-emitting device according to claim 2, wherein the organic metal complex is an ortho-metalated metal complex
4. (canceled).
5. (original): A polymer comprising a repeating unit represented by formula (D-I):



wherein Ar^{D} represents an arylene group or a divalent heterocyclic group; R^{D1} and R^{D2} each independently represent a hydrogen atom or a substituent; n^{D} represents an integer of 0 to 3; and m^{D} represents an integer of 0 to 5.

6. (previously presented): A light-emitting device comprising at least one organic compound layer comprising a light-emitting layer between a pair of electrodes wherein the at least one organic compound layer comprises a heterocyclic compound comprising a repeating



unit represented by formula (D):

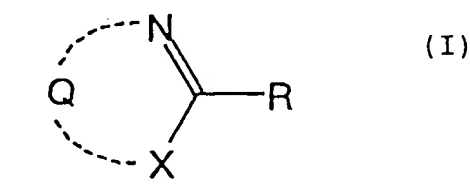
wherein Ar^D represents an arylene group or a divalent heterocyclic group; R^{D1} and R^{D2} each independently represent a hydrogen atom or a substituent; n^D represents an integer of 0 to 3; m^D represents an integer of 0 to 5; and m' represents 0 or 1.

7. (original): The light-emitting device according to claim 6, wherein the substituent is a group selected from the group consisting of an alkyl group, an alkenyl group, an alkynyl group, an aryl group, an alkoxy group, an aryloxy group, an acyl group, a halogen atom, a cyano group, a heterocyclic group, and a silyl group.

8. (canceled).

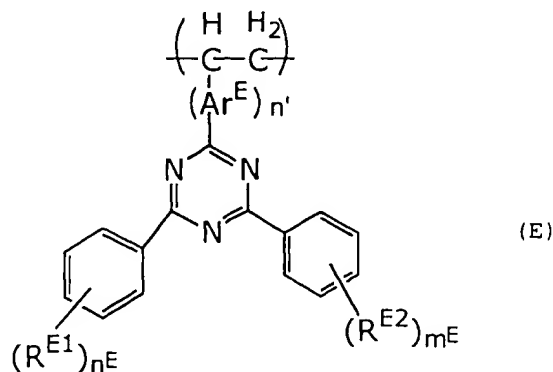
9. (currently amended): The A light-emitting device according to claim 1 comprising:

at least one organic compound layer comprising a light-emitting layer between a pair of electrodes, wherein the at least one organic compound layers comprise a heterocyclic compound having at least two hetero atoms and a phosphorescent compound, and wherein the heterocyclic compound is represented by formula (I):



wherein R represents a hydrogen atom or a substituent; X represents =N- or =N-R^a; R^a represents a hydrogen atom, an aliphatic hydrogen group, an aryl group or a heterocyclic group; and Q represents an atomic group necessary for forming a 5-membered hetero ring together with N and X,

wherein the heterocyclic compound is a polymer comprising a repeating unit represented by formula (E):



wherein Ar^E represents an arylene group or a divalent heterocyclic group; R^{E1} and R^{E2} each independently represent a hydrogen atom or a substituent; n^E and m^E each independently represent an integer of 0 to 5; and n' represents 0 or 1.

10. (original): The light-emitting device according to claim 9, wherein the substituent is a group selected from the group consisting of an alkyl group, an alkenyl group, an alkynyl group, an aryl group, an alkoxy group, an aryloxy group, an acyl group, a halogen atom, a cyano group, a heterocyclic group, and a silyl group.

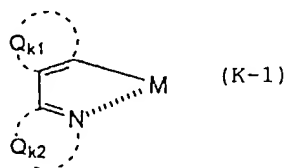
11. (original): The light-emitting device according to claim 3, wherein the ortho-metalated metal complex is an iridium complex.

12. (currently amended): The light-emitting device according to claim ~~4~~ 6, wherein the organic compound layers further comprise a polymer.

13. (currently amended): The light-emitting device according to claim ~~4~~ 35, wherein the phosphorescent compound has a phosphorescence quantum yield at room temperature of at least 25%.

14. (original): The light-emitting device according to claim 3, wherein the ortho-metalated metal complex contains 5 to 100 carbon atoms.

15. (original): The light-emitting device according to claim 3, wherein the ortho-metalated metal complex is a compound having a partial structure represented by formula (K-1):



wherein M represents a transition metal; Q_{k1} represents an atomic group necessary for forming a 5- or 6-membered aromatic ring; and Q_{k2} represents an atomic group necessary for forming a 5- or 6-membered aromatic azole ring;

or tautomer of the compound.

16-20. (canceled).

21. (previously presented): The light-emitting device according to claim 5, wherein n^D of formula (D-I) is 0 or 1.

22. (previously presented): The light-emitting device according to claim 5, wherein m^D of formula (D-I) is 0 or 1.

23. (currently amended): The light-emitting device according to claim ~~23~~ 22, wherein m^D of formula (D-I) is 1.

24. (previously presented): The light-emitting device according to claim 5, wherein R^{D1} and R^{D2} each independently represents a hydrogen atom, an alkyl group, an aryl group or an aromatic heterocyclic group.

25. (currently amended): The light-emitting device according to claim ~~25~~ 24, wherein R^{D1} and R^{D2} each independently represents a hydrogen atom or an alkyl group.

26. (previously presented): The light-emitting device according to claim 25, wherein R^{D1} and R^{D2} represent a hydrogen atom.

27. (previously presented): The light-emitting device according to claim 6, wherein the at least one organic compound layer further comprises a phosphorescent compound.

28. (previously presented): The light-emitting device according to claim 6, wherein m' of formula (D) is 1.

29. (previously presented): The light-emitting device according to claim 6, wherein n^D of formula (D-I) is 0 or 1.

30. (previously presented): The light-emitting device according to claim 6, wherein m^D of formula (D-I) is 0 or 1.

31. (currently amended): The light-emitting device according to claim ~~34~~ 30, wherein m^D of formula (D-I) is 1.

32. (previously presented): The light-emitting device according to claim 6, wherein R^{D1} and R^{D2} each independently represents a hydrogen atom, an alkyl group, an aryl group or an aromatic heterocyclic group.

33. (currently amended): The light-emitting device according to claim ~~33~~ 32, wherein R^{D1} and R^{D2} each independently represents a hydrogen atom or an alkyl group.

34. (currently amended): The light-emitting device according to claim ~~34~~ 33, wherein R^{D1} and R^{D2} represent a hydrogen atom.

35. (new): The light-emitting device according to claim 6, wherein the at least one of the organic compound layers further comprises a phosphorescent compound.

36. (new): The light-emitting device according to claim 9, wherein the at least one of the organic compound layers further comprises a phosphorescent compound.

37. (new): The light-emitting device according to claim 36, wherein the phosphorescent compound is an organic metal complex.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 09/935,711
Attorney Docket No. Q65953

38. (new): The light-emitting device according to claim 6, wherein the organic metal complex is an ortho-metalated metal complex.